200V4

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PHILIPS

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1. Important

This electronic user's guide is intended for anyone who uses the Philips monitor. Take time to read this user's manual before you use your monitor. It contains important information and notes regarding the operation of your monitor.

The Philips guarantee applies provided the product is handled properly for its intended use, in accordance with its operating instructions and upon presentation of the original invoice or cash receipt, indicating the date of purchase, dealer's name and model and production number of the product.

1.1 Safety precautions and maintenance

Warnings

Use of controls, adjustments or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards and/or mechanical hazards.

Read and follow these instructions when connecting and using your computer monitor.

Operation

- Please Keep the monitor out of direct sunlight, very strong bright lights and away from any other heat source. Lengthy exposure to this type of environment may result in discoloration and damage to the monitor.
- Remove any object that could fall into ventilation holes or prevent proper cooling of the monitor's electronics.
- Do not block the ventilation holes on the cabinet.
- When positioning the monitor, make sure the power plug and outlet are easily accessible.
- If turning off the monitor by detaching the power cable or DC power cord, wait for 6 seconds before attaching the power cable or DC power cord for normal operation.
- Please use approved power cord provided by Philips at all times. If your power cord is missing, please contact your local service center. (Please refer to Customer Care Consumer Information Center)
- Do not subject the monitor to severe vibration or high impact conditions during operation.
- Do not knock or drop the monitor during operation or transportation.

Maintenance

- To protect your monitor from possible damage, do not put excessive pressure on the LCD panel. When moving your monitor, grasp the frame to lift; do not lift the monitor by placing your hand or fingers on the LCD panel.
- Unplug the monitor if you are not going to use it for an extensive period of time.
- Unplug the monitor if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use organic solvent, such as, alcohol, or ammonia-based liquids to clean your monitor.
- To avoid the risk of shock or permanent damage to the set, do not expose the monitor to dust, rain, water, or excessive moisture environment.
- If your monitor gets wet, wipe it with dry cloth as soon as possible.
- If foreign substance or water gets in your monitor, please turn the power off immediately and disconnect the power cord. Then, remove the foreign substance or water, and send it to the maintenance center.
- Do not store or use the monitor in locations exposed to heat, direct sunlight or extreme cold.
- In order to maintain the best performance of your monitor and use it for a longer lifetime, please use the monitor in a location that falls within the following temperature and humidity ranges.

- Temperature: 0-40°C 32-104°F
- Humidity: 20-80% RH

Important information for Burn-in/Ghost image.

- Always activate a moving screen saver program when you leave your monitor unattended. Always activate a periodic screen refresh application if your monitor will display unchanging static content. Uninterrupted display of still or static images over an extended period may cause "burn in", also known as "after-imaging" or "ghost imaging", on your screen. "Burn-in", "after-imaging", or "ghost imaging" is a well-known phenomenon in LCD panel technology. In most cases, the "burned in" or "after-imaging" or "ghost imaging" will disappear gradually over a period of time after the power has been switched off.

Warning

Failure to activate a screen saver, or a periodic screen refresh application may result in severe" burn-in" or "after-image" or "ghost image" symptoms will not disappear and cannot be repaired. The damage mentioned above is not covered under your warranty.

Service

- The casing cover should be opened only by qualified service personnel.
- If there is any need for any document for repair or integration, please contact with your local service center. (please refer to the chapter of "Consumer Information Center")
- For transportation information, please refer to "Technical Specifications".
- Do not leave your monitor in a car/trunk under direct sun light.

Note

Consult a service technician if the monitor does not operate normally, or you are not sure what procedure to take when the operating instructions given in this manual have been followed.

1.2 Notational Descriptions

The following subsections describe notational conventions used in this document.

Notes, Cautions and Warnings

Throughout this guide, blocks of text may be accompanied by an icon and printed in bold or italic type. These blocks contain notes, cautions or warnings. They are used as follows:

Note

This icon indicates important information and tips that help you make better use of your computer system.

Caution

This icon indicates information that tells you how to avoid either potential damage to hardware or loss of data.

Warning

This icon indicates the potential for bodily harm and tells you how to avoid the problem.

Some warnings may appear in alternate formats and may not be accompanied by an icon. In such cases, the specific presentation of the warning is mandated by the relevant regulatory authority.

1.3 Disposal of product and packing material

Waste Electrical and Electronic Equipment-WEEE

This marking on the product or on its packaging illustrates that, under European Directive 2012/19/EU governing used electrical and electronic appliances, this product may not be disposed of with normal household waste. You are responsible for disposal of this equipment through a designated waste electrical and electronic equipment collection. To determine the locations for dropping off such waste electrical and electronic, contact your local government office, the waste disposal organization that serves your household or the store at which you purchased the product.

Your new monitor contains materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and to minimize the amount to be disposed of.

All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into mono materials.

Please find out about the local regulations on how to dispose of your old monitor and packing from your sales representative.

Taking back/Recycling Information for Customers

Philips establishes technically and economically viable objectives to optimize the environmental performance of the organization's product, service and activities.

From the planning, design and production stages, Philips emphasizes the important of making products that can easily be recycled. At Philips, end-of-life management primarily entails participation innational take-back initiatives and recycling programs whenever possible, preferably in cooperation with competitors, which recycle all materials (products and related packaging material) in accordance with all Environmental Laws and taking back program with the contractor company.

Your display is manufactured with high quality materials and components which can be recycled and reused.

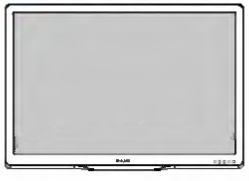
To learn more about our recycling program please visit

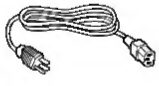
http://www.philips.com/about/sustainability/ourenvironmentalapproach/productrecyclingservices/index.page

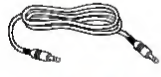
2. Setting up the monitor

2.1 Installation

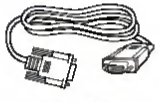
1 Package contents







Audio cable (optional)

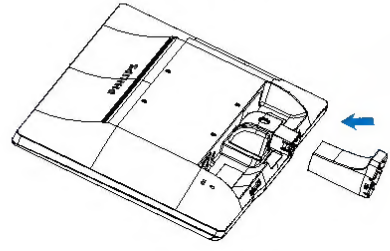


VGA (optional)

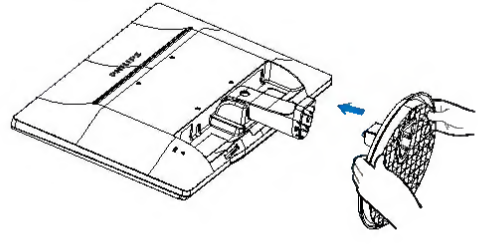
DVI (optional)

2 Install base stand

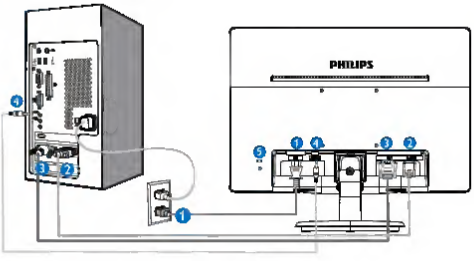
1. Place the monitor face down on soft and smooth surface taking care to avoid scratching or damaging the screen.
2. Attach the base column with the monitor until it clicks into position.



3. Hold the monitor base stand with both hands and firmly insert the base stand into the base column.



3 Connecting to your PC



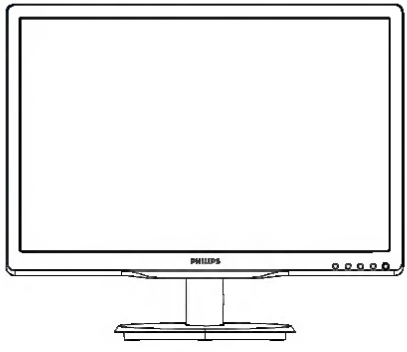
1. AC power input
2. VGA input
3. DVI-D input (available for selected models)
4. Audio input (available for selected models)
5. Kensington anti-theft lock

Connect to PC

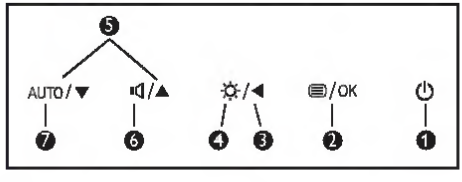
1. Connect the power cord to the back of the monitor firmly.
2. Turn off your computer and unplug its power cable.
3. Connect the monitor signal cable to the video connector on the back of your computer.
4. Plug the power cord of your computer and your monitor into a nearby outlet.
5. Turn on your computer and monitor. If the monitor displays an image, installation is complete.

2.2 Operating the monitor

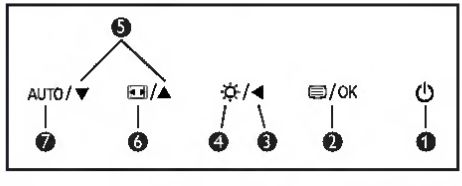
1 Front view product description



Model 200V4LAB/200V4LAB2:



Model 200V4LSB:



1	⏻	Switch monitor's power ON and OFF.
2	/OK	Access the OSD menu. Confirm the OSD adjustment.
2	◀	Return to previous OSD level.
4	☼	Adjust the brightness level.
5	▲▼	Adjust the OSD menu.
6		Adjust the speaker volume.
		Change display format.
7	AUTO	Automatically adjust the monitor.

2 Description of the On Screen Display

What is On-Screen Display (OSD)?

On-Screen Display (OSD) is a feature in all Philips LCD monitors. It allows an end user to adjust screen performance or select functions of the monitors directly through an on-screen instruction window. A user friendly on screen display interface is shown as below:

Model 200V4LAB/200V4LAB2:

Model 200V4LSB:

Model 200V4LSB (for Analog model):

Basic and simple instruction on the control keys

In the OSD shown above, you can press ▼ ▲ buttons at the front bezel of the monitor to move the cursor, and press **OK** button to confirm the choice or change.

The OSD Menu

Below is an overall view of the structure of the On-Screen Display. You can use this as a reference when you want to work your way around the different adjustments later on.

Main menu	Sub menu	
Input	VGA	
	OVI	
(available for selective models)		
Picture	Picture Format	Wide Screen, 4:3
	Brightness	0~100
	Contrast	0~100
	SmartContrast	On, Off
Audio	Stand-Alone	On, Off
	Mute	On, Off
(available for selective models)		
Color	Color Temperature	6500K, 9300K
	sRGB	
	User Define	Red: 0~100
		Green: 0~100
		Blue: 0~100
Language	English, Español, Ελληνική, Français, Deutsch, Italiano, Maryar, ,Português,Nederlands, Polski,Русский, 简体中文, 繁體中文,Türkçe,Português do Brazil, Svenska,Suomi,Čeština,Українська,日本語,한국어	
OSD Settings	Horizontal	0~100
	Vertical	0~100
	Transparency	Off, 1, 2, 3, 4
	OSD Time Out	5s, 10s, 20s, 30s, 60s
Setup	Auto	
	H. Position	0~100
	V. Position	0~100
	Phase	0~100
	Clock	0~100
	Resolution Notification	On, Off
	Reset	Yes, No
	Information	

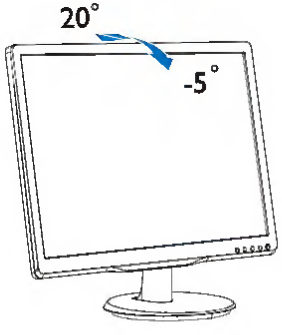
3 Resolution notification

This monitor is designed for optimal performance at its native resolution, 1600 ×900 @ 60 Hz or 1366 ×768 @ 60 Hz. When the monitor is powered on at a different resolution, an alert is displayed on screen: Use 1600 ×900 @ 60 Hz or 1366 ×768 @ 60 Hz for best results.

Display of the native resolution alert can be switched off from Setup in the OSD (On Screen Display) menu.

4 Physical Function

Tilt

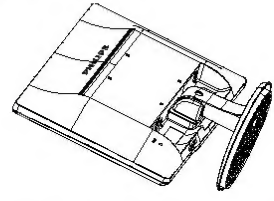


2.3 Remove Base Stand

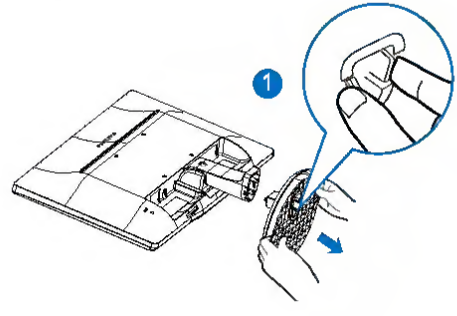
1 Remove the Base Stand

Before you start disassembling the monitor base, please follow the instructions below to avoid any possible damage or injury.

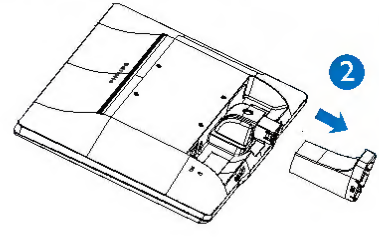
1. Place the monitor face down on a smooth surface, taking care to avoid scratching or damaging the screen.



2. Press the locking clips to detach the base stand away from the base column.

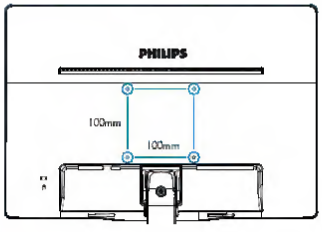


3. Detach the base column.



Note

This monitor accepts a 100mm x 100mm VESA-Compliant mounting interface.



Caution

For use only with UL Listed Wall Mount Bracket with minimum weight/load 3.5Kg

3. Image Optimization

3.1 SmartContrast

1 What is it?

A unique technology that dynamically analyzes displayed content and automatically optimizes an LCD monitor's contrast ratio for maximum visual clarity and viewing enjoyment, stepping up backlighting for clearer, crisper and brighter images or dimming backlighting for clear display of images on dark backgrounds

2 Why do I need it?

You want the very best visual clarity and viewing comfort for every type of content SmartContrast dynamically controls contrast and adjusts backlighting for clear, crisp, bright gaming and video images or displays clear readable text for office work. By reducing your monitor's power consumption you save on energy costs and extend the lifetime of your monitor

2 How does it work?

When you activate SmartContrast, it will analyse the content you are displaying in real time to adjust colors and control backlight intensity This function will dynamically enhance contrast for a great entertainment experience when viewing videos or playing games

4. Technical Specifications

Picture/Display	
Monitor Panel Type	TFT LCD
Backlight	W-LED system
Panel Size	19.5" W (49.5cm)
Aspect Ratio	16:9
Pixel Pitch	0.27 x 0.27 mm or 0.32×0.31mm
SmartContrast	10,000,000:1
Response Time (typ.)	5ms
Optimum Resolution	1600 ×900 @ 60 Hz or 1366 ×768 @ 60 Hz for 200V4LSB21
Viewing Angle	170° (H) / 160° (V) @ C/R > 10 or 90° (H) / 65° (V) @ C/R > 10 for 200nits
Display Colors	16.7M
Vertical Refresh Rate	56Hz - 76Hz
Horizontal Frequency	30kHz - 83kHz
sRGB	YES
Connectivity	
Signal Input	DVI (digital)(optional) VGA (Analog)
Input Signal	Separate Sync, Sync on Green
Convenience	
User Convenience	200V4LAB/200V4LAB2 AUTO/▼ ◁)/▲ ☼/◀ ▤/OK ⏻ 200V4LSB AUTO/▼ ▭/▲ ☼/◀ ▤/OK ⏻
OSD Languages	English, Español, Ελληνική, Français, Deutsch, Italiano, Maryar, Português,Nederlands, Polski Русский, 简体中文 繁體中文 Turkçe, Português do Brazil, Svenska,Suomi,Čeština Українська, 日本語 한국어
Other Convenience	Kensington Lock
Plug & Play Compatibility	DDC/CI, sRGB,Windows 7/ Windows 8, Mac OSX
Stand	
Tilt	-5 / +20

200V4LAB/200V4LAB2:

Power	
On Mode	200V4LAB: 17.34 W (typ.),20.43 W (max.) 200V4LAB2: 16 W (typ.),19 W (max.)
Sleep (Standby)	0.5W
Off	0.5W
Power LED indicator	On mode: White. Standby/Sleep mode: White (blinking)
Power Supply	Built-in, 100-240VAC, 50-60Hz

200V4LSB:

Power	
On Mode	17.1 W (typ.) 18.28 W (max.) or 18.2W (typ.) 18.8W (max.) for 200nits
Sleep (Standby)	0.5W
Off	0.5W
Power LED indicator	On mode White, Standby/Sleep mode White (blinking)
Power Supply	Built-in, 100-240VAC, 50-60Hz

200V4LSB21:

Power	
On Mode	12.42 W (typ.) 13.33 W (max.)
Sleep (Standby)	0.5W
Off	0.5W
Power LED indicator	On mode White, Standby/Sleep mode White (blinking)
Power Supply	Built-in, 100-240VAC, 50-60Hz

Dimension	
Product with stand (WxHxD)	479 x 369 x 201 mm
Product without stand (WxHxD)	479 x 299 x 48 mm
Weight	
Product with stand	2.72 kg
Product without stand	2.39 kg
Product with packaging	3.83 kg
Operating Condition	
Temperature range (operation)	0°C to 40 °C
Temperature range (Non operation)	-20°C to 60°C
Relative humidity	20% to 80%
MTBF	30,000hrs
Environmental	
ROHS	YES
EPEAT(The regulations may differ depending on your country)	Silver (www.epeat.net)
Packaging	100% recyclable
Specific Substances	100% PVC BFR free housing
Energy Star(The regulations may differ depending on your country)	YES
Compliance and standards	
Regulatory Approvals	CE Mark, FCC Class B, EAC, SEMKO, TCO Certified (Only for selective models), UL/cUL, ISO9241-307, BSMI

Cabinet	
Color	Black
Finish	Glossy/Texture

Note

1 EPEAT Gold or Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

2 This data is subject to change without notice. Go to www.philips.com/support to download the latest version of leaflet.

4.1 Resolution & Preset Modes

1 **Maximum Resolution**

1600 × 900 @ 60 Hz or 1366 ×768 @ 60 Hz for 200V4LSB21 (analog input)

1600 × 900 @ 60 Hz or 1366 ×768 @ 60 Hz for 200V4LSB21 (digital input)

2 **Recommended Resolution**

1600 ×900 @ 60 Hz (digital input)

H. freq (kHz)	Resolution	V. freq (Hz)
31 47	720 x 400	70 09
31 47	640 x 480	59 94
35 00	640 x 480	66 67
37 86	640 x 480	72 81
37 50	640 x 480	75 00
37 88	800 x 600	60 32
46 88	800 x 600	75 00
48 36	1024 x 768	60 00
60 02	1024 x 768	75 03
44 77	1280 x 720	59 86
63 89	1280 x 1024	60 02
79 98	1280 x 1024	75 03
60 00	1600 × 900	60 00

1366 x 768 @ 60 Hz for 200V4LSB21 (digital input)

H. freq (kHz)	Resolution	V. freq (Hz)
31 47	720 x 400	70 09
31 47	640 x 480	59 94
35	640 x 480	66 67
37 86	640 x 480	72 81
37 5	640 x 480	75
37 88	800 x 600	60 32
46 88	800 x 600	75
48 36	1024 x 768	60
60 02	1024 x 768	75 03
44 77	1280 x 720	59 86
63 89	1280 x 1024	60 02
79 98	1280 x 1024	75 03
47 71	1366 x 768	59 79

Note

Please notice that your display works best at native resolution of 1600 × 900 @ 60Hz or 1366 ×768 @ 60 Hz For best display quality please follow this resolution recommendation

5. Power Management

If you have VESA DPM compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. If an input from a keyboard, mouse or other input device is detected, the monitor will 'wake up' automatically. The following table shows the power consumption and signaling of this automatic power saving feature

200V4LAB:

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED Color
Active	ON	Yes	Yes	17.34 W (typ.)	White
Sleep (Standby)	OFF	No	No	0.5W (typ.)	White (blink)
Switch Off	OFF	-	-	0.5W (typ.)	OFF

200V4LAB2:

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED Color
Active	ON	Yes	Yes	16 W (typ.)	White
Sleep (Standby)	OFF	No	No	0.5W (typ.)	White (blink)
Switch Off	OFF	-	-	0.5W (typ.)	OFF

200V4LSB:

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED Color
Active	ON	Yes	Yes	17.1 W (typ.) or 18.2W (typ.) for 200nits	White
Sleep (Standby)	OFF	No	No	0.5W (typ.)	White (blink)
Switch Off	OFF	-	-	0.5W (typ.)	OFF

200V4LSB21:

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED Color
Active	ON	Yes	Yes	12.42W (typ.)	White
Sleep (Standby)	OFF	No	No	0.5W (typ.)	White (blink)
Switch Off	OFF	-	-	0.5W (typ.)	OFF

The following setup is used to measure power consumption on this monitor

- Native resolution 1600 × 900 or 1366 ×768
- Contrast 50%
- Brightness 100%
- Color temperature 6500k with full white pattern

Note

This data is subject to change without notice

6. Regulatory Information

(The regulations may differ depending on your country)

Lead-free Product

Lead free display promotes environmentally sound recovery and disposal of waste from electrical and electronic equipment Toxic substances like Lead has been eliminated and compliance with European community's stringent RoHs directive mandating restrictions on hazardous substances in electrical and electronic equipment have been adhered to in order to make Philips monitors safe to use throughout its life cycle

Congratulations!

This product is TCO Certified - for Sustainable IT

TCO Certified is an international third party sustainability certification for IT products TCO Certified ensures that the manufacture, use and recycling of IT products reflect environmental social and economic responsibility Every TCO Certified product model is verified by an accredited independent test laboratory

This product has been verified to meet all the criteria in TCO Certified, including

- Corporate Social Responsibility
  Socially responsible production - working conditions and labor law in manufacturing country
- Energy Efficiency
  Energy efficiency of product and power supply Energy Star compliant, where applicable
- Environmental Management System
  Manufacturer must be certified according to either ISO 14001 or EMAS
- Minimization of Hazardous Substances
  Limits on cadmium, mercury, lead & hexavalent chromium including requirements for mercury-free products, halogenated substances and hazardous flame retardants
- Design for Recycling
  Coding of plastics for easy recycling Limit on the number of different plastics used
- Product Lifetime, Product Take Back
  Minimum one-year product warranty Minimum three year availability of spare parts Product takeback
- Packaging
  Limits on hazardous substances in product packaging Packaging prepared for recycling
- Ergonomic, User-centered design
  Visual ergonomics in products with a display Adjustability for user comfort (displays, headsets) Acoustic performance – protection against sound spikes (headsets) and fan noise (projectors, computers) Ergonomically designed keyboard (notebooks)
- Electrical Safety, minimal electro-magnetic Emissions Third Party Testing
  All certified product models have been tested in an independent, accredited laboratory

A detailed criteria set is available for download at www.tcodevelopment.com, where you can also find a searchable database of all TCO Certified IT products

TCO Development, the organization behind TCO Certified, has been an international driver in the field of Sustainable IT for 20 years Criteria in TCO Certified are developed in collaboration with scientists, experts, users and manufacturers Organizations around the world rely on TCO Certified as a tool to help them reach their sustainable IT goals We are owned by TCO, a non-profit organization representing office workers TCO Development is headquartered in Stockholm, Sweden, with regional presence in North America and Asia

For more information, please visit www.tcodevelopment.com

(Only for selective models)

EPEAT

(www.epeat.net)

The EPEAT (Electronic Product Environmental Assessment Tool) program evaluates computer desktops, laptops, and monitors based on 51 environmental criteria developed through an extensive stakeholder consensus process supported by US EPA

EPEAT system helps purchasers in the public and private sectors evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes EPEAT also provides a clear and consistent set of performance criteria for the design of products, and provides an opportunity for manufacturers to secure market recognition for efforts to reduce the environmental impact of its products

Benefits of EPEAT

Reduce use of primary materials
Reduce use of toxic materials

Avoid the disposal of hazardous waste EPEAT'S requirement that all registered products meet ENERGY STAR's energy efficiency specifications, means that these products will consume less energy throughout their life

CE Declaration of Conformity

This product is in conformity with the following standards

- EN60950-1 2006+A11 2009+A1 20 10+A12 2011 (Safety requirement of Information Technology Equipment)
- EN55022 2010 (Radio Disturbance requirement of Information Technology Equipment)
- EN55024 2010 (Immunity requirement of Information Technology Equipment)
- EN61000-3-2 2006 +A1 2009+A2 2009 (Limits for Harmonic Current Emission)
- EN61000-3-3 2008 (Limitation of Voltage Fluctuation and Flicker) following provisions of directives applicable
- 2006/95/EC (Low Voltage Directive)
- 2004/108/EC (EMC Directive)
- 2009/125/EC (ErP Directive, EC No 1275/2008 Implementing Directive for Standby and Off mode power consumption) and is produced by a manufacturing organization on ISO9000 level

The product also comply with the following standards

- ISO9241-307 2008 (Ergonomic requirement Analysis and compliance test methods for electronic visual displays)
- GS EK1-2000 2011 (GS mark requirement)
- prEN50279 1998 (Low Frequency Electric and Magnetic fields for Visual Display)
- MPR-II (MPR 1990 8/1990 10 Low Frequency Electric and Magnetic fields)
- TCO CERTIFIED (Requirement for Environment Labeling of Ergonomics, Energy, Ecology and Emission, TCO Swedish Confederation of Professional Employees) for TCO versions

Energy Star Declaration

(www energystargov)

As an ENERGY STAR® Partner, we have determined that this product meets the ENERGY STAR® guidelines for energy efficiency

Note

We recommend you switch off the monitor when it is not in use for a long time

Federal Communications Commission (FCC) Notice (U.S. Only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules These limits are designed to provide reasonable protection against harmful interference in a residential installation This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications

However there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Use only RF shielded cable that was supplied with the monitor when connecting this monitor to a computer device

To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS

FCC Declaration of Conformity

Declaration of Conformity for Products Marked with FCC Logo,

United States Only

This device complies with Part 15 of the FCC Rules Operation is subject to the following two conditions (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation

Commission Federale de la Communication (FCC Declaration)

Cet équipement a éte teste et déclare conforme auxlimites des appareils numeriques de class B,aux termes de l article 15 Des règles de la FCC Ces limites sont conçues de façon a fourir une protection raisonnable contre les interferences nuisibles dans le cadre d'une installation résidentielle

CET appareil produit utilise et peut émettre des hyperfrequences qui, si l'appareil n'est pas installé et utilisé selon les consignes données peuvent causer des interférences

nuisibles aux communications radio Cependant, rien ne peut garantir l'absence d'interférences dans le cadre d'une installation particulière Si cet appareil est la cause d'interférences nuisibles pour la réception des signaux de radio ou de télévision ce qui peut être decelé en fermant l'équipement puis en le remettant en fonction, l'utilisateur pourrait essayer de corriger la situation en prenant les mesures suivantes

- Réorienter ou déplacer l'antenne de réception
- Augmenter la distance entre l'équipement et le récepteur
- Brancher l'équipement sur un autre circuit que celui utilise par le récepteur
- Demander l'aide du marchand ou d'un technicien chevronné en radio/télévision

Toutes modifications n'ayant pas reçu l'approbation des services competents en matiere de conformite est susceptible d'interdire a l'utilisateur l'usage du present equipement

N utiliser que des câbles RF armes pour les connections avec des ordinateurs ou périphériques

CET APPAREIL NUMERIQUE DE LA CLASSE B RESPECTE TOUTES LES EXIGENCES DU REGLEMENT SUR LE MATERIEL BROUILLEUR DU CANADA

EN 55022 Compliance (Czech Republic Only)

This device belongs to category B devices as described in EN 55022 unless it is specifically stated that it is a Class A device on the specification label. The following applies to devices in Class A of EN 55022 (radius of protection up to 30 meters). The user of the device is obliged to take all steps necessary to remove sources of interference to telecommunication or other devices

Pokud není na typovém štítku počítače uvedeno, že spadá do do třídy A podle EN 55022, spadá automaticky do třídy B podle EN 55022. Pro zařízení zařazená do třídy A (ochranná pásma 30m) podle EN 55022 platí následující. Dojde-li k rušení telekomunikačních nebo jiných zařízení je uživatel povinen provést taková opatření, aby rušení odstranil.

Polish Center for Testing and Certification Notice

The equipment should draw power from a socket with an attached protection circuit (a three-prong socket) All equipment that works together (computer monitor, printer, and so on) should have the same power supply source

The phasing conductor of the room's electrical installation should have a reserve short-circuit protection device in the form of a fuse with a nominal value no larger than 16 amperes (A)

To completely switch off the equipment, the power supply cable must be removed from the power supply socket which should be located near the equipment and easily accessible

A protection mark "B" confirms that the equipment is in compliance with the protection usage requirements of standards PN-93/T-42107 and PN-89/E-06251

Wymagania Polskiego Centrum Badań i Certyfikacji

Urządzenie, aby otrzymać zasilanie z gniazda z przyłączonym obwodem ochronnym (gniazdo z bolcem). Współpracujące ze sobą urządzenia (komputer, monitor, drukarka) powinny być zasilane z tego samego źródła.

Instalacja elektryczna pomieszczenia powinna zawierać w przewodzie fazowym rezerwowy element ochronny chroniący przed zwarciami, w postaci bezpiecznika o wartości znamionowej nie większej niż 16A (amperów).

W celu całkowitego wyłączenia urządzenia z sieci zasilania, należy wyjąć wtyczkę kabla zasilającego z gniazdka, które powinno znajdować się w pobliżu urządzenia i być łatwo dostępne.

Znak bezpieczeństwa "B" potwierdza zgodność urządzenia z wymaganiami bezpieczeństwa użytkowania zawartymi w PN-93/T-42107 i PN-89/E-06251.

Pozostałe instrukcje bezpieczeństwa

- Nie należy używać wtyczek adapterowych lub usuwać bolca obwodu ochronnego z wtyczki. Jeżeli konieczne jest użycie przedłużacza to należy użyć przedłużacza 3-żyłowego z prawidłowo połączonym przewodem ochronnym.
- System komputerowy należy chronić przed nagłymi, chwilowymi wzrostami lub spadkami napięcia, używając w zasilaniu przepięć, urządzenia do podtrzymywania napięcia lub bezzakłóceniowego źródła zasilania.
- Należy upewnić się, aby nie nastąpiło kolizji systemu komputerowego z inną siecią tak, aby nie było zakłóceń w sieci, gdyż może to powodować utratę danych lub uszkodzenie sprzętu.
- Nie należy rozlewać napojów ani innych płynów na system komputerowy.
- Nie należy wystawiać żadnych przedmiotów na drogę wentylacyjną urządzeń, gdyż może to spowodować pożar lub porażenie prądem, poprzez zwarcie elementów wewnętrznych.
- System komputerowy powinien znajdować się z dala od grzejników i źródeł ciepła. Ponadto nie należy blokować otworów wentylacyjnych. Należy unikać kładzenia luźnych papierów pod komputer oraz umieszczania komputera w ciasnych miejscach bez możliwości cyrkulacji powietrza w okół niego.

North Europe (Nordic Countries) Information

Placering/Ventilation
VARNING:
FORSAKRA DIG OM ATT HUVUDBRYTARE OCH UTTAG AR LATÅTKOMLIGA, NAR DU STALLER DIN UTRUSTNING PÅPLATS

Placering/Ventilation
ADVARSEL:
SØRG VED PLACERINGEN FOR, AT NETLEDNINGENS STIK OG STIKKONTAKT ER NEMT TILGÆNGELIGE

Paikka/Ilmankierto
VAROITUS:
SIJOITA LAITE SITEN, ETTA VERKKOJOHTO VOIDAAN TARVITTAESSA HELPOSTI IRROTTAA PISTORASIASTA

Plassering/Ventilasjon
ADVARSEL:
NÅR DETTE UTSTYRET PLASSERES, MÅ DU PASSE PÅ AT KONTAKTENE FOR STØMTILFØRSEL ER LETTE Å NÅ

BSMI Notice (Taiwan Only)

符合乙類資訊產品之標準

Ergonomie Hinweis (nur Deutschland)

Der von uns gelieferte Farbmonitor entspricht den in der "Verordnung uber den Schutz vor Schaden durch Rontgenstrahlen" festgelegten Vorschriften

Auf der Ruckwand des Gerates befindet sich ein Aufkleber, der auf die Unbedenklichkeit der Inbetriebnahme hinweist, da die Vorschriften uber die Bauart von Storstrahlern nach Anlage III ¤ 5 Abs 4 der Rontgenverordnung erfullt sind

Damit Ihr Monitor immer den in der Zulassung geforderten Werten entspricht, ist darauf zu achten, daß

1 Reparaturen nur durch Fachpersonal durchgefuhrt werden
2 nur original Ersatzteile verwendet werden
3 bei Ersatz der Bildrohre nur eine bauartgleiche eingebaut wird

Aus ergonomischen Grunden wird empfohlen, die Grundfarben Blau und Rot nicht auf dunklem Untergrund zu verwenden (schlechte Lesbarkeit und erhohte Augenbelastung bei zu geringem Zeichenkontrast waren die Folge)
Der arbeitsplatzbezogene Schalldruckpegel nach DIN 45 635 betragt 70dB (A) oder weniger

⚠ ACHTUNG BEIM AUFSTELLEN DIESES GERATES DARAUF ACHTEN, DAß NETZSTECKER UND NETZKABELANSCHLUß LEICHT ZUGANGLICH SIND

Information for U.K. only

WARNING - THIS APPLIANCE MUST BE EARTHED.

Important:

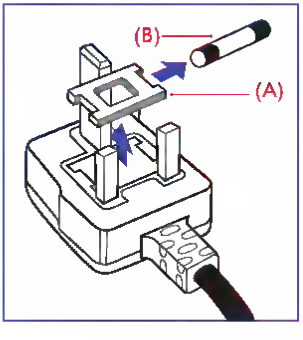
This apparatus is supplied with an approved moulded 13A plug To change a fuse in this type of plug proceed as follows

1 Remove fuse cover and fuse
2 Fit new fuse which should be a BS 1362 5A,A S T A or BSI approved type
3 Retit the fuse cover

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate 3-pin plug fitted in its place

If the mains plug contains a fuse, this should have a value of 5A If a plug without a fuse is used the fuse at the distribution board should not be greater than 5A

NOTE The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere



How to connect a plug

The wires in the mains lead are coloured in accordance with the following code

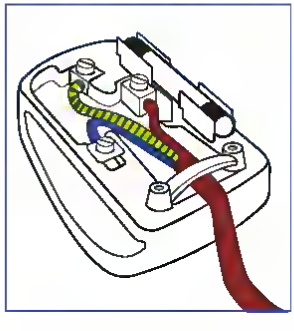
BLUE - "NEUTRAL ("N")

BROWN - LIVE"(L)

GREEN&YELLOW -"EARTH"("E")

1 The GREEN&YELLOW wire must be connected to the terminal in the plug which is marked with the letter "E" or by the Earth symbol or coloured GREEN or GREEN&YELLOW
2 The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK
3 The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the three wires



China RoHS

The People's Republic of China released a regulation called "Management Methods for Controlling Pollution by Electronic Information Products" or commonly referred to as China RoHS All products including CRT and Monitor which are produced and sold for China market have to meet China RoHS request

中国大陆 RoHS

根据中国大陆《电子电气产品有害物质限制使用标识要求》（也称为中国大陆 RoHS），以下部分列出了本产品中可能包含的有害物质的名称和含量。

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
外壳	O	O	O	O	O	O
液晶显示屏 / 灯管	X	O	O	O	O	O
电路板组件 *	X	O	O	O	O	O
电源适配器	X	O	O	O	O	O
电源线 / 连接线	X	O	O	O	O	O
遥控器	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制

*：电路板组件包括印刷电路板及其构成的零部件，如电阻、电容、集成电路、连接器等。

O：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。但是上表中打 "X" 的部件，其含量超出是因为目前业界还没有成熟的可替代的技术。

环保使用期限

此标识指期限（十年），电子信息产品中含有的有毒有害物质或元素在正常使用的条件下不会发生外泄或突变，电子信息产品用户使用该电子信息产品不会对环境造成严重污染或对其人身、财产造成严重损害的期限。

中国能源效率标识

根据中国大陆《能源效率标识管理办法》，本显示器符合以下要求：

能源效率(cd/W)	> 1.05
关闭状态能耗（W）	< 0.5
能效等级	1级
能效标准	GB 21520-2008

详细有关信息请查阅中国能效标识网：http://www.energylabel.gov.cn/

《废弃电器电子产品回收处理管理条例》提示性说明

为了更好地关爱及保护地球，当用户不再需要此产品或产品寿命终止时，请遵守国家废弃电器电子产品回收处理相关法律法规，将其交给当地具有国家认可的回收处理资质的厂商进行回收处理。

EU Energy Label

The European Energy Label informs you on the energy efficiency class of this product The greener the energy efficiency class of this product is the lower the energy it consumes

On the label, you can find the energy efficiency class, the average power consumption of this product in use and the average energy consumption for 1 year

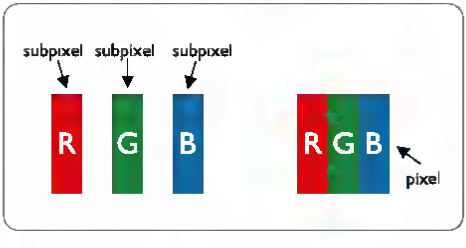
Note

The EU Energy Label will be ONLY applied on the models bundling with HDMI and TV tuners

7. Customer care and warranty

7.1 Philips' Flat Panel Monitors Pixel Defect Policy

Philips strives to deliver the highest quality products We use some of the industry's most advanced manufacturing processes and practice stringent quality control However, pixel or sub pixel defects on the TFT Monitor panels used in flat panel monitors are sometimes unavoidable No manufacturer can guarantee that all panels will be free from pixel defects, but Philips guarantees that any monitor with an unacceptable number of defects will be repaired or replaced under warranty This notice explains the different types of pixel defects and defines acceptable defect levels for each type In order to qualify for repair or replacement under warranty, the number of pixel defects on a TFT Monitor panel must exceed these acceptable levels For example, no more than 0 0004% of the sub pixels on a monitor may be defective Furthermore, Philips sets even higher quality standards for certain types or combinations of pixel defects that are more noticeable than others This policy is valid worldwide



Pixels and Sub pixels

A pixel or picture element, is composed of three sub pixels in the primary colors of red, green and blue Many pixels together form an image When all sub pixels of a pixel are lit, the three colored sub pixels together appear as a single white pixel When all are dark the three colored sub pixels together appear as a single black pixel Other combinations of lit and dark sub pixels appear as single pixels of other colors

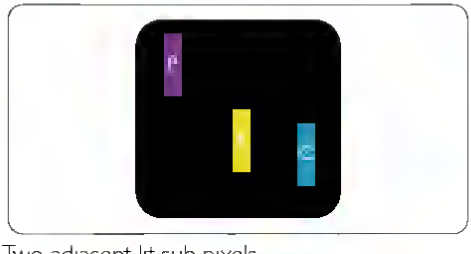
Types of Pixel Defects

Pixel and sub pixel defects appear on the screen in different ways There are two categories of pixel defects and several types of sub pixel defects within each category

Bright Dot Defects

Bright dot defects appear as pixels or sub pixels that are always lit or 'on' That is, a bright dot is a sub pixel that stands out on the screen when the monitor displays a dark pattern There are the types of bright dot defects

One lit red, green or blue sub pixel



Two adjacent lit sub pixels

- Red + Blue = Purple
- Red + Green = Yellow
- Green + Blue = Cyan (Light Blue)

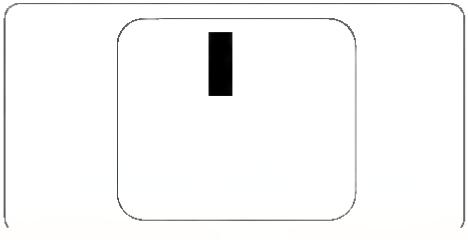
Three adjacent lit sub pixels (one white pixel)

Note

A red or blue bright dot must be more than 50 percent brighter than neighboring dots while a green bright dot is 30 percent brighter than neighboring dots

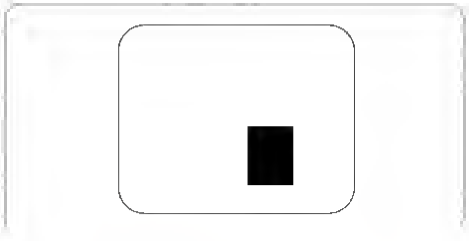
Black Dot Defects

Black dot defects appear as pixels or sub pixels that are always dark or 'off' That is a dark dot is a sub-pixel that stands out on the screen when the monitor displays a light pattern These are the types of black dot defects



Proximity of Pixel Defects

Because pixel and sub pixels defects of the same type that are near to one another may be more noticeable Philips also specifies tolerances for the proximity of pixel defects



Pixel Defect Tolerances

In order to qualify for repair or replacement due to pixel defects during the warranty period, a TFT Monitor panel in a Philips flat panel monitor must have pixel or sub pixel defects exceeding the tolerances listed in the following tables

BRIGHT DOT DEFECTS	ACCEPTABLE LEVEL
1 lit subpixel	3
2 adjacent lit subpixels	1
3 adjacent lit subpixels (one white pixel)	0
Distance between two bright dot defects*	>15mm
Total bright dot defects of all types	3

BLACK DOT DEFECTS	ACCEPTABLE LEVEL
1 dark subpixel	5 or fewer
2 adjacent dark subpixels	2 or fewer
3 adjacent dark subpixels	0
Distance between two black dot defects*	>15mm
Total black dot defects of all types	5 or fewer

TOTAL DOT DEFECTS	ACCEPTABLE LEVEL
Total bright or black dot defects of all types	5 or fewer

Note

1 1 or 2 adjacent sub pixel defects = 1 dot defect

2 This monitor is ISO9241-307 compliant (ISO9241-307 Ergonomic requirement analysis and compliance test methods for electronic visual displays)

3 ISO9241 307 is the successor of formerly known ISO13406 standard, which is withdrawn by the International Organisation for Standardisation (ISO) per 2008-11-13

7.2 Customer Care & Warranty

For warranty coverage information and additional support requirement valid for your region, please visit www.philips.com/support website for details. You may also contact your local Philips Customer Care Center number listed below

Contact Information for WESTERN EUROPE region:

Country	CSP	Hotline Number	Price	Opening Hours
Austria	RTS	+43 0810 000206	€ 0.07	Mon to Fri 9am - 6pm
Belgium	Ecare	+32 078 250851	€ 0.06	Mon to Fri 9am - 6pm
Cyprus	Alman	800 92 256	Free of charge	Mon to Fri 9am - 6pm
Denmark	Infocare	+45 3525 8761	Local call tariff	Mon to Fri 9am - 6pm
Finland	Infocare	+358 09 2290 1908	Local call tariff	Mon to Fri 9am - 6pm
France	Mainteq	+33 082161 1658	€ 0.09	Mon to Fri 9am - 6pm
Germany	RTS	+49 01803 386 853	€ 0.09	Mon to Fri 9am - 6pm
Greece	Alman	+30 00800 3122 1223	Free of charge	Mon to Fri 9am - 6pm
Ireland	Celestica	+353 01 601 1161	Local call tariff	Mon to Fri 8am - 5pm
Italy	Anovo Italy	+39 840 320 041	€ 0.08	Mon to Fri 9am - 6pm
Luxembourg	Ecare	+352 26 84 30 00	Local call tariff	Mon to Fri 9am - 6pm
Netherlands	Ecare	+31 0900 0400 063	€ 0.10	Mon to Fri 9am - 6pm
Norway	Infocare	+47 2270 8250	Local call tariff	Mon to Fri 9am - 6pm
Poland	MSI	+48 0223491505	Local call tariff	Mon to Fri 9am - 6pm
Portugal	Mainteq	800 780 902	Free of charge	Mon to Fri 8am - 5pm
Spain	Mainteq	+34 902 888 785	€ 0.10	Mon to Fri 9am - 6pm
Sweden	Infocare	+46 08 632 0016	Local call tariff	Mon to Fri 9am - 6pm
Switzerland	ANOVO CH	+41 02 2310 2116	Local call tariff	Mon to Fri 9am - 6pm
United Kingdom	Celestica	+44 0207 949 0069	Local call tariff	Mon to Fri 8am - 5pm

Contact Information for China:

Country	Call center	Consumer care number
China	PCCW Limited	4008 800 008

Contact Information for NORTH AMERICA :

Country	Call center	Consumer care number
USA	EPI-e-center	(877) 835-1838
Canada	EPI-e-center	(800)479-6696

Contact Information for CENTRAL AND EASTERN EUROPE region:

Country	Call center	CSP	Consumer care number
Belarus	NA	IBA	+375 17 217 3386 +375 17 217 3389
Bulgaria	NA	LAN Service	+359 2 960 2360
Croatia	NA	MR Service Ltd	+385 (01) 640 1111
Czech Rep	NA	Asupport	420 272 188 300
Estonia	NA	FUJITSU	+372 6519900(Ceneral) +372 6519972(workshop)
Georgia	NA	Esabi	+995 322 91 34 71
Hungary	NA	Profi Service	+36 1 814 8080(Ceneral) +36 1814 8565(For AOC&Philips only)
Kazakhstan	NA	Classic Service Llc	+7 727 3097515
Latvia	NA	ServiceNet LV	+371 67460399 +371 27260399
Lithuania	NA	UAB Servicenet	+370 37 400160(general) +370 7400088 (for Philips)
Macedonia	NA	AMC	+389 2 3125097
Moldova	NA	Comel	+37322224035
Romania	NA	Skin	+40 21 2101969
Russia	NA	CPS	+7 (495) 645 6746
Serbia&Montenegro	NA	Kim Tec d o o	+381 11 20 70 684
Slovakia	NA	Datalan Service	+421 2 49207155
Slovenia	NA	PC H and	+386 1 530 08 24
the republic of Belarus	NA	ServiceBy	+ 375 17 284 0203
Turkey	NA	Tecpro	+90 212 444 4 832
Ukraine	NA	Topaz	+38044 525 64 95
Ukraine	NA	Comel	+380 5627444225

Contact Information for LATIN AMERICA region:

Country	Call center	Consumer care number
Brazil	Vermont	0800-7254101
Argentina		0800 3330 856

Contact Information for APMEA region:

Country	ASP	Consumer care number	Opening hours
Australia	AGOS NETWORK PTY LTD	1300 360 386	Mon ~Fri 9 00am-5 30pm
New Zealand	Visual Group Ltd	0800 657447	Mon ~Fri 8 30am-5 30pm
Hong Kong Macau	Company Smart Pixels Technology Ltd	Hong Kong Tel +852 2619 9639 Macau Tel (853)-0800-987	Mon ~Fri 9 00am-6 00pm Sat 9 00am-1 00pm
India	REDINGTON INDIA LTD	Tel 1 800 425 6396 SMS PHILIPS to 56677	Mon ~Fri 9 00am-5 30pm
Indonesia	PT CORMIC SERVISINDO PERKASA	+62-21-4080 9086 (Customer Hotline) +62-8888-01 9086 (Customer Hotline)	Mon ~Thu 08 30 12 00, 13 00-17 30 Fri 08 30-11 30, 13 00-17 30
Korea	Alphascan Displays Inc	1661 5003	Mon ~Fri 9 00am-5 30pm Sat 9 00am-1 00pm
Malaysia	R-Logic Sdn Bhd	+603 5102 3336	Mon ~Fri 8 15am-5 00pm Sat 8 30am-12 30am
Pakistan	TVONICS Pakistan	+92 213 6030100	Sun ~Thu 10 00am-6 00pm
Singapore	Philips Electronics Singapore Pte Ltd (Philips Consumer Care Center)	(65) 6882 3966	Mon ~Fri 9 00am-6 00pm Sat 9 00am-1 00pm
Taiwan	FETEC CO	0800 231 099	Mon ~Fri 09 00 - 18 00
Thailand	Axis Computer System Co., Ltd	(662) 934-5498	Mon ~Fri 8 30am~05 30pm
South Africa	Computer Repair Technologies	011 262 3586	Mon ~Fri 8 00am~05 00pm
Israel	Eastronics LTD	1-800 567000	Sun ~Thu 08 00 18 00
Vietnam	FPT Service Informatic Company Ltd Ho Chi Minh City Branch	+84 8 38248007 Ho Chi Minh City +84 5113.562666 Danang City +84 5113.562666 Can tho Province	Mon ~Fri 8 00-12 00, 13 30-17 30,Sat 8 00 12 00
Philippines	EA Global Supply Chain Solutions Inc	(02) 655 7777 6359456	Mon ~Fri 8 30am~5 30pm
Armenia Azerbaijan Georgia Kyrgyzstan Tajikistan	Firebird service centre	+97 14 8837911	Sun ~Thu 09 00 - 18 00
Uzbekistan	Soniko Plus Private Enterprise Ltd	+99871 2784650	Mon ~Fri 09 00 - 18 00
Turkmenistan	Technostar Service Centre	+(99312) 460733 460957	Mon ~Fri 09 00 - 18 00
Japan	フィリップスモニター・サポートセンター	0120-060-530	Mon ~Fri 10 00 - 17 00

8. Troubleshooting & FAQs

8.1 Troubleshooting

This page deals with problems that can be corrected by a user If the problem still persists after you have tried these solutions, contact Philips customer service representative

1 Common Problems

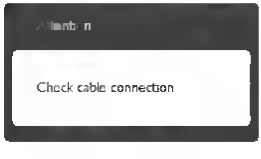
No Picture (Power LED not lit)

- Make sure the power cord is plugged into the power outlet and into the back of the monitor
- First, ensure that the power button on the front of the monitor is in the OFF position, then press it to the ON position

No Picture (Power LED is White)

- Make sure the computer is turned on
- Make sure the signal cable is properly connected to your computer
- Make sure the monitor cable has no bent pins on the connect side If yes, repair or replace the cable
- The Energy Saving feature may be activated

Screen says



- Make sure the monitor cable is properly connected to your computer (Also refer to the Quick Start Guide)
- Check to see if the monitor cable has bent pins
- Make sure the computer is turned on

AUTO button doesn't function

- The auto function is applicable only in VGA Analog mode If the result is not satisfactory, you can do manual adjustments via the OSD menu

Note

The Auto Function is not applicable in DVI-Digital mode as it is not necessary

Visible signs of smoke or sparks

- Do not perform any troubleshooting steps
- Disconnect the monitor from mains power source immediately for safety
- Contact with Philips customer service representative immediately

2 Imaging Problems

Image is not centered

- Adjust the image position using the "Auto" function in OSD Main Controls
- Adjust the image position using the Phase/ Clock of Setup in OSD Main Controls It is valid only in VGA mode

Image vibrates on the screen

- Check that the signal cable is properly securely connected to the graphics board or PC

Vertical flicker appears

- Adjust the image using the "Auto" function in OSD Main Controls
- Eliminate the vertical bars using the Phase/ Clock of Setup in OSD Main Controls It is valid only in VGA mode

Horizontal flicker appears

- Adjust the image using the "Auto" function in OSD Main Controls

- Eliminate the vertical bars using the Phase/ Clock of Setup in OSD Main Controls. It is valid only in VGA mode.

Image appears blurred, indistinct or too dark

- Adjust the contrast and brightness on On-Screen Display.

An "after-image", "burn-in" or "ghost image" remains after the power has been turned off.

- Uninterrupted display of still or static images over an extended period may cause "burn in", also known as "after-imaging " or "ghost imaging", on your screen. "Burn-in", "after-imaging", or "ghost imaging" is a well-known phenomenon in LCD panel technology. In most cases, the "burned in" or "after-imaging" or "ghost imaging" will disappear gradually over a period of time after the power has been switched off.
- Always activate a moving screen saver program when you leave your monitor unattended.
- Always activate a periodic screen refresh application if your LCD monitor will display unchanging static content.
- Severe" burn-in" or "after-image" or "ghost image" symptoms will not disappear and cannot be repaired. The damage mentioned above is not covered under your warranty.

Image appears distorted. Text is fuzzy or blurred.

- Set the PC's display resolution to the same mode as monitor's recommended screen native resolution.

Green, red, blue, dark, and white dots appears on the screen

- The remaining dots are normal characteristic of the liquid crystal used in today's technology, Please refer the pixel policy for more detail.

The "power on" light is too strong and is disturbing

- You can adjust "power on" light using the power LED Setup in OSD main Controls.

For further assistance, refer to the Consumer Information Centers list and contact Philips customer service representative.

8.2 General FAQs

Q1: When I install my monitor what should I do if the screen shows 'Cannot display this video mode'?

Ans.: Recommended resolution for this monitor: 1600 ×900 @ 60 Hz or 1366 ×768 @ 60 Hz.

- Unplug all cables, then connect your PC to the monitor that you used previously.
- In the Windows Start Menu, select Settings/ Control Panel. In the Control Panel Window, select the Display icon. Inside the Display Control Panel, select the 'Settings' tab. Under the setting tab, in box labelled 'desktop area', move the sidebar to 1600 × 900 or 1366 ×768 pixels.
- Open 'Advanced Properties' and set the Refresh Rate to 60 Hz, then click OK.
- Restart your computer and repeat step 2 and 3 to verify that your PC is set at 1600 ×900 @ 60 Hz or 1366 ×768 @ 60 Hz.
- Shut down your computer, disconnect your old monitor and reconnect your Philips LCD monitor.
- Turn on your monitor and then turn on your PC.

Q2: What is the recommended refresh rate for LCD monitor?

Ans.: Recommended refresh rate in LCD monitors is 60 Hz, In case of any disturbance on screen, you can set it up to 75 Hz to see if that removes the disturbance.

Q3: What are the .inf and .icm files on the CD-ROM? How do I install the drivers (.inf and .icm)?

Ans.: These are the driver files for your monitor. Follow the instructions in your user manual to install the drivers. Your

computer may ask you for monitor drivers (.inf and .icm files) or a driver disk when you first install your monitor. Follow the instructions to insert the (companion CD-ROM) included in this package. Monitor drivers (.inf and .icm files) will be installed automatically.

Q4: How do I adjust the resolution?

Ans.: Your video card/graphic driver and monitor together determine the available resolutions. You can select the desired resolution under Windows® Control Panel with the "Display properties".

Q5: What if I get lost when I am making monitor adjustments via OSD?

Ans.: Simply press the **OK** button, then select 'Reset' to recall all of the original factory settings.

Q6: Is the LCD screen resistant to scratches?

Ans.: In general it is recommended that the panel surface is not subjected to excessive shocks and is protected from sharp or blunt objects. When handling the monitor, make sure that there is no pressure or force applied to the panel surface side. This may affect your warranty conditions.

Q7: How should I clean the LCD surface?

Ans.: For normal cleaning, use a clean, soft cloth. For extensive cleaning, please use isopropyl alcohol. Do not use other solvents such as ethyl alcohol, ethanol, acetone, hexane, etc.

Q8: Can I change the color setting of my monitor?

Ans.: Yes, you can change your color setting through OSD control as the following procedures,

- Press "OK" to show the OSD (On Screen Display) menu
- Press "Down Arrow" to select the option "Color" then press "OK" to enter color setting, there are three settings as below.
  1. Color Temperature; The two settings are 6500K and 9300K. With settings in the 6500K range the panel appears "warm, with a red-white color tone", while a 9300K temperature yields "cool, bluewhite toning".
  2. sRGB; this is a standard setting for ensuring correct exchange of colors between different device (e.g. digital cameras, monitors, printers, scanners, etc)
  3. User Define; the user can choose his/her preference color setting by adjusting red, green blue color.

Note

A measurement of the color of light radiated by an object while it is being heated. This measurement is expressed in terms of absolute scale, (degrees Kelvin). Lower Kevin temperatures such as 2004K are red; higher temperatures such as 9300K are blue. Neutral temperature is white, at 6504K.

Q9: Can I connect my LCD monitor to any PC, workstation or Mac?

Ans.: Yes. All Philips LCD monitors are fully compatible with standard PCs, Macs and workstations. You may need a cable adapter to connect the monitor to your Mac system. Please contact your Philips sales representative for more information.

Q10: Are Philips LCD monitors Plug-and-Play?

Ans.: Yes, the monitors are Plug-and-Play compatible with Windows 7/ Windows 8, Mac OSX

Q11: What is Image Sticking, or Image Burn-in, or After Image, or Ghost Image in LCD panels?

Ans.: Uninterrupted display of still or static images over an extended period may cause "burn in", also known as "after-imaging" or "ghost imaging", on your screen. "Burn-in", "after-imaging", or "ghost imaging" is a well-known phenomenon in LCD panel technology. In most cases, the

"burned in" or "atter-imaging" or "ghost imaging" will disappear gradually over a period of time after the power has been switched off.

Always activate a moving screen saver program when you leave your monitor unattended.

Always activate a periodic screen refresh application if your LCD monitor will display unchanging static content.

Warning

Failure to activate a screen saver, or a periodic screen refresh application may result in severe"burn-in" or "after-image" or "ghost image" symptoms will not disappear and cannot be repaired. The damage mentioned above is not covered under your warranty.

Q12: Why is my Display not showing sharp text, and is displaying jagged characters?

Ans.: Your LCD monitor works best at its native resolution of 1600 x 900 @ 60 Hz or 1366 x 768 @ 60 Hz. For best display, please use this resolution.

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